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For: VARIABLE COLOR PRINT OF AN IMAGE

- 1 1. A variable color print of an image comprising:
 - 2 a substrate;
 - 3 a series of parallel differently colored lines of printed ink; and
 - 4 a series of parallel printed mounds of clear ink over the colored lines of
 - 5 printed ink to vary the reflective angle of the colored lines of printed ink as the viewing
 - 6 angle changes.

- 1 2. The print of claim 1 in which the substrate is paper.

- 1 3. The print of claim 1 in which the substrate is plastic.

- 1 4. The print of claim 1 in which the substrate is transmissive.

- 1 5. The print of claim 1 further including a reflective surface between the
- 2 lines of printed ink and the substrate.

- 1 6. The print of claim 1 in which the reflective surface is a reflective ink
- 2 layer, a foil layer, or a metalization layer.

- 1 7. The print of claim 1 in which each mound is over at least two different
- 2 colored lines.

1 8. The print of claim 1 in which there are lines of differently colored printed
2 ink between the mounds.

1 9. The print of claim 1 in which there are a plurality of local image regions
2 each including parallel differently colored lines of printed ink and printed mounds of
3 clear ink synchronized with the parallel differently colored lines, wherein different local
4 image regions include parallel lines of printed ink and mounds at different angles.

1 10. A variable color print of an image comprising:
2 a substrate;
3 a series of parallel printed mounds of ink on the substrate; and
4 a series of parallel differently colored lines of ink printed on the mounds
5 which vary in reflective angle as the viewing angle changes due to the mounds of ink.

1 11. The print of claim 10 further including a reflective surface between the
2 substrate and the mounds.

1 12. The print of claim 11 in which the reflective surface is a reflective ink
2 layer.

1 13. The print of claim 10 further including a reflective surface between the
2 mounds and the differently colored lines of printed ink.

1 14. The print of claim 13 in which the reflective surface is a reflective ink
2 layer.

1 15. A variable color print of an image comprising:
2 a substrate;
3 a series of parallel colored ink mounds printed directly on the substrate
4 and extending in one direction; and
5 at least one series of parallel colored ink mounds printed directly on the
6 substrate and extending in a second, different direction.

1 16. The print of claim 15 in which the substrate includes a reflective surface.

1 17. The print of claim 16 in which the colored ink of the mounds is
2 transmissive.

1 18. The print of claim 15 in which the substrate is non-reflective.

1 19. The print of claim 18 in which the colored ink of the mounds is reflective.

1 20. The print of claim 15 further including printed colored lines between the
2 mounds.

1 21. A method of producing a variable color print of an image, the method
2 comprising:

3 obtaining an image;
4 configuring a printing machine to produce a series of printed ink mounds;
5 printing the ink mounds on a substrate; and
6 printing a series of colored lines synchronized with the printed ink
7 mounds.

1 22. The method of claim 21 in which the series of colored lines are printed on
2 the substrate under the ink mounds and wherein the mounds are printed using clear ink.

1 23. The method of claim 21 in which the series of colored lines are printed on
2 the mounds.

1 24. A method of producing a variable color print of an image, the method
2 comprising:
3 placing a reflective surface on a substrate;
4 printing a series of parallel differently colored lines of ink; and
5 printing a series of parallel mounds of clear ink over the colored lines of
6 printed ink to vary the reflective angle of the colored lines of printed ink as the viewing
7 angle changes.

1 25. The method of claim 24 further including producing different local image
2 regions by printing parallel lines of printed ink and mounds at different angles.

1 26. A method of producing a variable color print of an image, the method
2 comprising:
3 printing a series of parallel printed mounds of ink on a substrate; and
4 printing a series of parallel differently colored lines of ink on the mounds
5 to vary the reflective angle as the viewing angle changes due to the mound of ink.

1 27. The method of claim 26 further including the step of adding a reflective
2 surface between the substrate and the mounds.

1 28. The method of claim 26 further including the step of adding a reflective
2 surface between the mounds and the differently colored lines of printed ink.

1 29. A method of producing a variable color print of an image, the method
2 comprising:

3 printing a series of parallel colored ink mounds on a substrate to extend in
4 one direction; and

5 printing a series of parallel colored ink mounds on a substrate to extend in
6 a second, different direction.

1 30. The method of claim 29 in which the color of the ink mounds printed in
2 the first direction are different in color than the series of ink mounds printed in the second
3 direction.

1 31. The method of claim 29 in which both series of ink mounds are in the
2 same region.

1 32. the method of claim 29 in which the colored ink mounds are transmissive
2 and each mound is disposed over differently colored lines of ink on the substrate.

1 33. A variable color print of an image comprising:
2 a substrate;
3 a series of printed mounds of clear ink having a viscosity when printed of
4 between 1500-3000 cent poise; and
5 colored ink lines printed on the mounds or printed between the mounds
6 and the substrate.

1 34. The print of claim 33 in which the substrate includes a reflective surface
2 on which the colored ink lines are printed.

1 35. The print of claim 34 in which the mounds are printed over the lines of
2 colored ink.

1 36. The print of claim 33 in which the mounds are printed on a reflective
2 surface on the substrate and the colored ink lines are printed on the mounds.

1 37. The print of claim 33 in which the mounds are printed on the substrate, the
2 colored ink lines are printed on the mounds, and further including a printed reflective
3 surface between the mounds and the colored ink.